

Title (en)  
COMPOSITIONS AND METHODS FOR BIOPHOTONIC BONE RECONSTRUCTION

Title (de)  
ZUSAMMENSETZUNGEN UND VERFAHREN FÜR BIOPHOTONISCHE KNOCHENREKONSTRUKTION

Title (fr)  
COMPOSITIONS ET PROCÉDÉS POUR UNE RECONSTRUCTION OSSEUSE BIOPHOTONIQUE

Publication  
**EP 2854853 B1 20190821 (EN)**

Application  
**EP 13797249 A 20130530**

Priority  
• US 201261653101 P 20120530  
• US 201361777894 P 20130312  
• CA 2013000532 W 20130530

Abstract (en)  
[origin: WO2013177686A1] Biophotonic compositions comprising a photoactivator, a calcium phosphate mineral, hyaluronic acid and optionally glucosamine are disclosed. Said composition have utility in the augmentation, repair and/or regeneration of bone when used in conjunction with actinic light of a wavelength absorbed by the photoactivator.

IPC 8 full level  
**A61K 41/00** (2006.01); **A61K 6/838** (2020.01); **A61L 24/00** (2006.01); **A61P 19/08** (2006.01); **C08K 3/32** (2006.01); **C08K 5/1545** (2006.01); **C08L 5/08** (2006.01)

CPC (source: EP KR US)  
**A61K 6/838** (2020.01 - KR); **A61K 6/898** (2020.01 - KR); **A61K 31/352** (2013.01 - KR); **A61K 31/728** (2013.01 - KR); **A61K 33/42** (2013.01 - KR); **A61K 41/00** (2013.01 - EP US); **A61K 41/0057** (2013.01 - US); **A61L 24/0015** (2013.01 - EP US); **A61L 24/0084** (2013.01 - EP US); **A61L 27/46** (2013.01 - EP US); **A61L 27/54** (2013.01 - EP US); **A61N 5/062** (2013.01 - US); **A61P 19/00** (2018.01 - EP); **A61P 19/08** (2018.01 - EP); **C08K 3/32** (2013.01 - EP US); **C08K 5/0041** (2013.01 - EP US); **C08K 5/1545** (2013.01 - EP US); **A61K 6/838** (2020.01 - EP US); **A61L 2300/442** (2013.01 - EP US); **A61N 2005/0663** (2013.01 - US); **C08K 2003/325** (2013.01 - EP US)

C-Set (source: EP US)  
1. **C08K 3/32 + C08L 5/08**  
2. **C08K 5/1545 + C08L 5/08**  
3. **C08K 5/0041 + C08L 5/08**  
4. **A61L 24/0084 + C08L 5/08**  
5. **A61L 27/46 + C08L 5/08**

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2013177686 A1 20131205**; AU 2013270353 A1 20141127; BR 112014029801 A2 20170627; CA 2873068 A1 20131205; CN 104394888 A 20150304; EP 2854853 A1 20150408; EP 2854853 A4 20160113; EP 2854853 B1 20190821; HK 1207300 A1 20160129; IL 235687 A0 20150129; IN 9950DEN2014 A 20150814; JP 2015519134 A 20150709; KR 20150023294 A 20150305; MX 2014014458 A 20150814; NZ 701667 A 20170526; RU 2014147975 A 20160720; SG 11201407276R A 20150330; US 11426463 B2 20220830; US 2015119789 A1 20150430; ZA 201408483 B 20151223

DOCDB simple family (application)  
**CA 2013000532 W 20130530**; AU 2013270353 A 20130530; BR 112014029801 A 20130530; CA 2873068 A 20130530; CN 201380027694 A 20130530; EP 13797249 A 20130530; HK 15107935 A 20150818; IL 23568714 A 20141113; IN 9950DEN2014 A 20141124; JP 2015514302 A 20130530; KR 20147033109 A 20130530; MX 2014014458 A 20130530; NZ 70166713 A 20130530; RU 2014147975 A 20130530; SG 11201407276R A 20130530; US 201314403549 A 20130530; ZA 201408483 A 20141118